

ABSTRACT

The invention provides nucleic acid sequences which are complementary, in one embodiment, to a wide variety of *Rat* genes. The invention provides the sequences in such a way as to make them available for a variety of analyses. In one embodiment the nucleic acid sequences provided are present as an array of probes that may be used to 10 measure gene expression of at least 20,000 rat genes. As such, the invention relates to diverse fields impacted by the nature of molecular interaction, including chemistry, biology, medicine, and medical diagnostics.